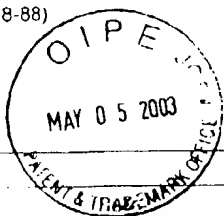


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U.S. PATENT DOCUMENTS

| Examiner Initial* |     | Document Number | Date       | Name                 | Class | Subclass    | Filing Date If Appropriate |
|-------------------|-----|-----------------|------------|----------------------|-------|-------------|----------------------------|
| L.J.M.E.          | A1  | 5,258,332       | 11-02-1993 | K. Horioka, et al.   | H01L  | 21/311      | 03-08-1993                 |
| L.J.M.E.          | A2  | 5,578,518       | 11-26-1996 | H. Koike, et al.     | H01L  | 21/76       | 12-15-1994                 |
| L.J.M.E.          | A3  | 5,719,085       | 02-17-1998 | P. Moon, et al.      | H01L  | 21/76       | 09-29-1995                 |
| L.J.M.E.          | A4  | 5,801,083       | 09-01-1998 | B. Yu, et al.        | H01L  | 21/76       | 10-20-1997                 |
| L.J.M.E.          | A5  | 5,843,226       | 12-01-1998 | G. Zhao, et al.      | C30B  | 23/00       | 07-16-1996                 |
| L.J.M.E.          | A6  | 5,858,857       | 01-12-1999 | M. Ho                | H01L  | 21/76       | 04-17-1997                 |
| L.J.M.E.          | A7  | 5,863,827       | 01-26-1999 | K. Joyner            | H01L  | 21/76       | 06-03-1997                 |
| L.J.M.E.          | A8  | 5,882,982       | 03-16-1999 | J. Zheng, et al.     | H01L  | 21/76       | 01-16-1997                 |
| L.J.M.E.          | A9  | 5,920,787       | 07-06-1999 | J. Haskell, et al.   | H01L  | 21/76       | 01-15-1997                 |
| L.J.M.E.          | A10 | 5,939,765       | 08-17-1999 | J. Zheng, et al.     | H01L  | 29/00       | 11-24-1997                 |
| L.J.M.E.          | A11 | 5,956,598       | 09-21-1999 | K. Huang, et al.     | H01L  | 21/76       | 10-01-1998                 |
| L.J.M.E.          | A12 | 5,989,977       | 11-23-1999 | S. Wu                | H01L  | 21/76       | 04-20-1998                 |
| L.J.M.E.          | A13 | 5,989,978       | 11-23-1999 | I. Peidous           | H01L  | 21/<br>S224 | 07-16-1998                 |
| L.J.M.E.          | A14 | 5,994,229       | 11-30-1999 | C. Chen, et al.      | H01L  | 21/<br>3065 | 01-12-1998                 |
| L.J.M.E.          | A15 | 6,001,706       | 12-14-1999 | P. Tan, et al.       | H01L  | 21/76       | 12-08-1997                 |
| L.J.M.E.          | A16 | 6,027,982       | 02-22-2000 | I. Peidous, et al.   | H01L  | 21/76       | 02-05-1999                 |
| L.J.M.E.          | A17 | 6,040,232       | 03-21-2000 | J. Gau               | H01L  | 21/76       | 01-25-1999                 |
| L.J.M.E.          | A18 | 6,054,343       | 04-25-2000 | S. Ashburn           | H01L  | 21/60       | 01-20-1999                 |
| L.J.M.E.          | A19 | 6,074,931       | 06-13-2000 | J. Chang, et al.     | H01L  | 21/76       | 11-05-1998                 |
| L.J.M.E.          | A20 | 6,074,932       | 06-13-2000 | S. Wu                | H01L  | 21/76       | 01-28-1998                 |
| L.J.M.E.          | A21 | 6,080,637       | 06-27-2000 | K. Huang, et al.     | H01L  | 21/76       | 12-07-1998                 |
| L.J.M.E.          | A22 | 6,081,662       | 06-27-2000 | T. Murakami, et al.  | G06F  | 17/50       | 09-29-1997                 |
| L.J.M.E.          | A23 | 6,090,684       | 07-18-2000 | N. Ishitsuka, et al. | H01L  | 21/76       | 07-29-1999                 |

|   |  |   |                       |
|---|--|---|-----------------------|
| Form PTO-1449<br>(Rev. 8-88)  | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney Docket No. 09799940-0097<br>Old Docket No. 10200/101 | Serial No. 09/927,863 |
|  |  | Applicant: Hanna A. Bamnolker, et al.                         |                       |
|   |  | Filing Date<br>August 10, 2001                                | Group: 1765           |

## U.S. PATENT DOCUMENTS

| Examiner Initial* |     | Document Number | Date       | Name                 | Class | Subclass | Filing Date If Appropriate |
|-------------------|-----|-----------------|------------|----------------------|-------|----------|----------------------------|
| LJME              | A24 | 6,096,612       | 08-01-2000 | T. Houston           | H01L  | 21/336   | 04-30-1998                 |
| LJME              | A25 | 6,107,158       | 08-22-2000 | J. Zheng, et al.     | H01L  | 21/762   | 03-25-1998                 |
| LJME              | A26 | 6,110,793       | 08-29-2000 | K-Y Lee, et al.      | H01L  | 21/76    | 06-24-1998                 |
| LJME              | A27 | 6,150,234       | 11-21-2000 | C. Olsen             | H01L  | 21/76    | 12-16-1999                 |
| LJME              | A28 | 6,165,854       | 12-26-2000 | S. Wu                | H01L  | 21/336   | 05-04-1998                 |
| LJME              | A29 | 6,174,786 B1    | 01-16-2001 | P. Kelley, et al.    | H01L  | 21/76    | 11-23-1999                 |
| LJME              | A30 | 6,174,787 B1    | 01-16-2001 | R. Fuller, et al.    | H01L  | 21/76    | 12-30-1999                 |
| LJME              | A31 | 6,180,466 B1    | 01-30-2001 | E. Ibok              | H01L  | 21/336   | 12-18-1997                 |
| LJME              | A32 | 6,180,490 B1    | 01-30-2001 | V. Vassiliev, et al. | H01L  | 21/76    | 05-25-1999                 |
| LJME              | A33 | 6,218,309 B1    | 04-17-2001 | A. Miller, et al.    | H01L  | 21/311   | 09-30-1999                 |
| LJME              | A34 | 6,225,187 B1    | 05-01-2001 | T. Huang, et al.     | H01L  | 21/76    | 04-01-1999                 |
| LJME              | A35 | 6,228,727 B1    | 05-08-2001 | C. Lim, et al.       | H01L  | 21/336   | 09-27-1999                 |

## FOREIGN PATENT DOCUMENTS

|  |  | Document Number | Date | Country | Class | Subclass | Translation |    |
|--|--|-----------------|------|---------|-------|----------|-------------|----|
|  |  |                 |      |         |       |          | Yes         | No |
|  |  |                 |      |         |       |          |             |    |
|  |  |                 |      |         |       |          |             |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

|      | REF. NO. | DESCRIPTION (includes author, title, date, and pages)  |
|------|----------|--|
| LJME | C1       | Encyclopedia of Chemical Technology, Kirk-Othmer, Volume 14, pp. 677-709 (1995).   |
| LJME | C2       | Microchip Fabrication: A Practical Guide to Semiconductor Processing, 3rd. edition, Peter Van Zant, McGraw-Hill, Chapter 16, pp. 491-527 (2000). |

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Lynette J. Umeg-Eronimi

6/21/2004